OmegaCube Technologies

SMART MANUFACTURING REAL RESULTS




*People. Process. Progress.*

# Shop Floor Management

**Real-Time Visibility. Better Utilization. Higher Yield & Quality.**

OmegaCube ERP's Shop Floor Management provides real-time visibility into production, improves efficiency and quality control, reduces downtime, minimizes waste and drives continuous improvement.

## Why Shop Floor Management Matters

- Real-time visibility into production
- Improved production efficiency and quality control
- Reduce downtime and minimize waste
- Drive continuous improvement

## Key Benefits

- Increase personnel efficiency by sending production data to handheld devices or machine consoles
- Mobile access and data recording
- Proactive response to breakdowns through job allocation, machine utilization and performance
- Improve product quality and compliance at each production phase
- Reduce machine and labor idle time
- Support just-in-time manufacturing through integrations

## 6 Core Capabilities

A connected shop floor for greater control, efficiency and quality.

### Shop Floor Dispatch

- Electronic schedules and priorities
- Work-order information at the shop floor
- Late-job alerts
- Raw-material availability

### Dashboards & Analytics

- Department, employee and work-center efficiency
- Utilization and PPM
- Role-based mobile dashboards

### Nesting Integration

- Integrate with nesting software
- Group work orders by due date
- Import layouts
- Machine data triggers part completion and material usage
- Actual machine time and material lot numbers

### Shop Floor Data Collection

- Barcode, mobile and touchscreen data entry
- Access drawings and instructions
- Capture actual time, non-conformance, scrap, setup and downtime
- Print labels
- Operator assignments

### Job Costing

- Actual labor, material and outside-process costs
- Estimated vs. actual costs
- Margins
- Scrap and rework
- Routing, material and labor variances

### Quality Integration

- In-process non-conformance reporting
- Inspection results at every stage
- Custom inspection points
- Defect-analysis data for continuous improvement

## The Shop Floor Management Process

From plan to progress — all connected in real time.

### PLAN



Plan production with material, manpower and machine availability.

### DISPATCH



Schedule and dispatch work orders to the shop floor.

### EXECUTE



Run production with real-time visibility.

### CAPTURE DATA



Collect shop floor data (e.g., time, quantity, quality, downtime).

### ANALYZE



Monitor performance with dashboards and analytics.

### IMPROVE



Identify issues, drive corrective actions and achieve higher yield and quality.

## What You Gain

A more efficient, productive and competitive manufacturing operation.

- **Better on-time delivery**
- **Reduced defects**
- **Lower downtime**
- **Higher utilization**
- **Better costing**
- **Stronger quality control**

## Frequently Asked Questions

Quick answers to common questions about Shop Floor Management.

### Work Order Management

Schedule, prioritize, dispatch and track work orders.

### Inventory Management

Real-time inventory and material traceability.

### Planning & Scheduling

Consider material, manpower and machine availability.



*Efficiency Today. A Stronger Tomorrow.*

## Take Control of Your Shop Floor

**OmegaCube ERP** — Schedule a Demo

Schedule a Demo →

- Streamline Operations
- Improve Quality
- Drive Continuous Improvement

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